

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/372,036

DATE: 11/23/2000
 TIME: 00:51:07

INPUT SET: S36141.raw

**This Raw Listing contains the General
 Information Section and up to the first 5 pages.**

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TECH CENTER 1800/2300

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SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: SCHUBERT, PETER
 NEUMANN, SIEGFRIED
 PAWELZIK, MARTINA
 LINXWEILER, WINFRIED
 BURGER, CHRISTA
 HOFMANN, GOTTFRIED
 BUBERT, ANDREAS
 GOEBEL, WERNER
 KOHLER, STEFAN

(ii) TITLE OF INVENTION: PROCESSES AND AGENTS FOR DETECTING
 LISTERIAS

(iii) NUMBER OF SEQUENCES: 43

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: MILLEN, WHITE, ZELANO & BRANIGAN, P.C.
 (B) STREET: 2200 CLARENDON BLVD., SUITE 1400
 (C) CITY: ARLINGTON
 (D) STATE: VIRGINIA
 (E) COUNTRY: US
 (F) ZIP: 22201

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
 (B) COMPUTER: IBM PC compatible
 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 09/372,036
 (B) FILING DATE:
 (C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 08/456,670
 (B) FILING DATE:

(viii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/075,248
 (B) FILING DATE: 11-JUN-1993

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47 (vii) PRIOR APPLICATION DATA:
48 (A) APPLICATION NUMBER: DE 4239567.4
49 (B) FILING DATE: 25-NOV-1992
50
51 (vii) PRIOR APPLICATION DATA:
52 (A) APPLICATION NUMBER: DE 4219111.4
53 (B) FILING DATE: 11-JUN-1992
54
55 (viii) ATTORNEY/AGENT INFORMATION:
56 (A) NAME: HAMLET-KING, DIANA
57 (B) REGISTRATION NUMBER: 33,302
58 (C) REFERENCE/DOCKET NUMBER: MERCK 1694D1
59
60 (ix) TELECOMMUNICATION INFORMATION:
61 (A) TELEPHONE: 703-243-6333
62 (B) TELEFAX: 703-243-6410
63 (C) TELEX: 64191
64
65
66 (2) INFORMATION FOR SEQ ID NO:1:
67
68 (i) SEQUENCE CHARACTERISTICS:
69 (A) LENGTH: 54 base pairs
70 (B) TYPE: nucleic acid
71 (C) STRANDEDNESS: double
72 (D) TOPOLOGY: linear
73
74 (ii) MOLECULE TYPE: DNA (genomic)
75
76 (iii) HYPOTHETICAL: NO
77
78 (iv) ANTI-SENSE: NO
79
80 (vi) ORIGINAL SOURCE:
81 (A) ORGANISM: Listeria monocytogenes
82 (B) STRAIN: Mackaness
83
84 (ix) FEATURE:
85 (A) NAME/KEY: misc_feature
86 (B) LOCATION: 1-20
87 (D) OTHER INFORMATION: /note= "SOME OR ALL N NUCLEOTIDES MAY
88 BE ABSENT"
89
90 (ix) FEATURE:
91 (A) NAME/KEY: misc_feature
92 (B) LOCATION: 35-54
93 (D) OTHER INFORMATION: /note= "SOME OR ALL N NUCLEOTIDES MAY
94 BE ABSENT"
95
96 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
97
98 NNNNNNNNNN NNNNNNNNNN AATATGAAAA AAGCNNNNNN NNNNNNNNNN NNNN
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TIME: 00:51:08

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100
101 (2) INFORMATION FOR SEQ ID NO:2:
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103 (i) SEQUENCE CHARACTERISTICS:
104 (A) LENGTH: 54 base pairs
105 (B) TYPE: nucleic acid
106 (C) STRANDEDNESS: double
107 (D) TOPOLOGY: linear
108
109 (ii) MOLECULE TYPE: DNA (genomic)
110
111 (iii) HYPOTHETICAL: NO
112
113 (iv) ANTI-SENSE: NO
114
115 (vi) ORIGINAL SOURCE:
116 (A) ORGANISM: Listeria monocytogenes
117 (B) STRAIN: Mackaness
118
119 (ix) FEATURE:
120 (A) NAME/KEY: misc_feature
121 (B) LOCATION: 1-20
122 (D) OTHER INFORMATION: /note= "SOME OR ALL N NUCLEOTIDES MAY
123 BE ABSENT"
124 (ix) FEATURE:
125 (A) NAME/KEY: misc_feature
126 (B) LOCATION: 35-54
127 (D) OTHER INFORMATION: /note= "SOME OR ALL N NUCLEOTIDES MAY
128 BE ABSENT"
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130 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
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132 NNNNNNNNNN NNNNNNNNNN GCTTCGGTCG CGTANNNNNN NNNNNNNNNN NNNN 54
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134
135 (2) INFORMATION FOR SEQ ID NO:3:
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137 (i) SEQUENCE CHARACTERISTICS:
138 (A) LENGTH: 54 base pairs
139 (B) TYPE: nucleic acid
140 (C) STRANDEDNESS: double
141 (D) TOPOLOGY: linear
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143 (ii) MOLECULE TYPE: DNA (genomic)
144
145 (iii) HYPOTHETICAL: NO
146
147 (iv) ANTI-SENSE: NO
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149 (vi) ORIGINAL SOURCE:
150 (A) ORGANISM: Listeria monocytogenes
151 (B) STRAIN: Mackaness
152

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153 (ix) FEATURE:
154 (A) NAME/KEY: misc_feature
155 (B) LOCATION: 1-20
156 (D) OTHER INFORMATION: /note= "SOME OR ALL N NUCLEOTIDES MAY
157 BE ABSENT"
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159 (ix) FEATURE:
160 (A) NAME/KEY: misc_feature
161 (B) LOCATION: 35-54
162 (D) OTHER INFORMATION: /note= "SOME OR ALL N NUCLEOTIDES MAY
163 BE ABSENT"
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165 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
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167 NNNNNNNNNN NNNNNNNNNN ACAGCTGGGA TTGCNNNNNN NNNNNNNNNN NNNN 54
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170 (2) INFORMATION FOR SEQ ID NO:4:
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172 (i) SEQUENCE CHARACTERISTICS:
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174 (B) TYPE: nucleic acid
175 (C) STRANDEDNESS: double
176 (D) TOPOLOGY: linear
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178 (ii) MOLECULE TYPE: DNA (genomic)
179
180 (iii) HYPOTHETICAL: NO
181
182 (iv) ANTI-SENSE: NO
183
184 (vi) ORIGINAL SOURCE:
185 (A) ORGANISM: Listeria monocytogenes
186 (B) STRAIN: Mackaness
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188 (ix) FEATURE:
189 (A) NAME/KEY: misc_feature
190 (B) LOCATION: 1-20
191 (D) OTHER INFORMATION: /note= "SOME OR ALL N NUCLEOTIDES MAY
192 BE ABSENT"
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194 (ix) FEATURE:
195 (A) NAME/KEY: misc_feature
196 (B) LOCATION: 36-55
197 (D) OTHER INFORMATION: /note= "SOME OR ALL N NUCLEOTIDES MAY
198 BE ABSENT"
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200 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
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202 NNNNNNNNNN NNNNNNNNNN ACTGCTAACA CAGCTNNNNN NNNNNNNNNN NNNNN 55
203
204
205 (2) INFORMATION FOR SEQ ID NO:5:

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206
207 (i) SEQUENCE CHARACTERISTICS:
208 (A) LENGTH: 55 base pairs
209 (B) TYPE: nucleic acid
210 (C) STRANDEDNESS: double
211 (D) TOPOLOGY: linear
212
213 (ii) MOLECULE TYPE: DNA (genomic)
214
215 (iii) HYPOTHETICAL: NO
216
217 (iv) ANTI-SENSE: NO
218
219 (vi) ORIGINAL SOURCE:
220 (A) ORGANISM: Listeria monocytogenes
221 (B) STRAIN: Mackaness
222
223 (ix) FEATURE:
224 (A) NAME/KEY: misc_feature
225 (B) LOCATION: 1-20
226 (D) OTHER INFORMATION: /note= "SOME OR ALL N NUCLEOTIDES MAY
227 BE ABSENT"
228
229 (ix) FEATURE:
230 (A) NAME/KEY: misc_feature
231 (B) LOCATION: 36-55
232 (D) OTHER INFORMATION: /note= "SOME OR ALL N NUCLEOTIDES MAY
233 BE ABSENT"
234
235 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
236
237 NNNNNNNNNN NNNNNNNNNN TAACAGCAAT TCAAGNNNNN NNNNNNNNNN NNNNN 55
238
239
240 (2) INFORMATION FOR SEQ ID NO:6:
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242 (i) SEQUENCE CHARACTERISTICS:
243 (A) LENGTH: 54 base pairs
244 (B) TYPE: nucleic acid
245 (C) STRANDEDNESS: double
246 (D) TOPOLOGY: linear
247
248 (ii) MOLECULE TYPE: DNA (genomic)
249
250 (iii) HYPOTHETICAL: NO
251
252 (iv) ANTI-SENSE: NO
253
254 (vi) ORIGINAL SOURCE:
255 (A) ORGANISM: Listeria monocytogenes
256 (B) STRAIN: Mackaness
257
258 (ix) FEATURE:

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/372,036

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SEQUENCE MISSING ITEM REPORT
PATENT APPLICATION US/09/372,036

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< < THERE ARE NO ITEMS MISSING > >

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SEQUENCE CORRECTION REPORT
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Line

Original Text

Corrected Text